

COOLANT REPORT

Sample Rating Trend







Component Coolant Fluid EXTENDED LIFE COOLANT (--- GAL)

DIAGNOSIS

Recommendation

Machine Id 0J030441

The fluid is suitable for further service. Resample at the next service interval to monitor.

Corrosion

All metal levels are normal indicating no corrosion in the cooling system.

Contaminants

There is no indication of any contamination in the coolant.

Coolant Condition

The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0857576		
Sample Date		Client Info		26 Oct 2023		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
PHYSICAL TEST F	RESULTS	method	limit/base	current	history1	history2
Specific Gravity		ASTM D1298*		1.068		
pH	Scale 0-14	ASTM D1287*	9.0	8.47		
Nitrites	ppm	Alcan Test Kit*		360		
Reserve Alkalinity	Scale 0-20	ASTM D1121*		2.3		
Percentage Glycol	%	ASTM D3321*	50	50.9		
Freezing Point	°C	ASTM D3321*	-40	-35		
Carboxylate						
CORROSION INH	IIBITORS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		158		
Phosphorus	ppm	ASTM D5185(m)		49		
Boron	ppm	ASTM D5185(m)		4		
Molybdenum	ppm	ASTM D5185(m)		84		
CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>15	0		
Aluminum	ppm	ASTM D5185(m)	>10	<1		
Copper	ppm	ASTM D5185(m)	>10	0		
Lead	ppm	ASTM D5185(m)	>10	0		
Tin	ppm	ASTM D5185(m)	>10	0		
Silver	ppm	ASTM D5185(m)	>10	<1		
Zinc	ppm	ASTM D5185(m)		2		
CARRIER SALTS	\$	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		1914		
Potassium	ppm	ASTM D5185(m)		2949		
SCALE POTENT	IAL	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	6		
Magnesium	ppm	ASTM D5185(m)	>40	1		
Hardness	mg/L CaCO3	In-house*	<75	20		
VISUAL		method	limit/base	current	history1	history2
Coolant Color		Visual*	Orange/R	Pink		
Coolant Appearance		Visual*	Clear	Clear		
Color				225	no image	no image
Bottom					no image	no image
:11:25) Rev: 1			Co	ontact/Location:	BRENDA PINS	ENT - GENNEP

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